



[Taizhou Dongsheng New Energy Technology Co., Ltd.](#)

Flat Roof PV Mounting

Non-penetrating PV Mounting

Non-penetrating PV Mounting is a mounting system designed for concrete flat roofs. Prefabricated concrete counterweights are used to avoid drilling holes to damage the roof waterproofing layer. The main body is made of hot-dip galvanized steel or aluminum alloy, which is corrosion-resistant and lightweight, and supports 10 ° -30 ° tilt adjustment to optimize lighting efficiency. It is suitable for double-glass components and lightweight photovoltaic panels. It is quick to construct and has low maintenance costs. It is widely used in concrete flat roof scenes such as industrial and commercial plants, public buildings, etc., taking into account the needs of efficient power generation and long-term roof protection.

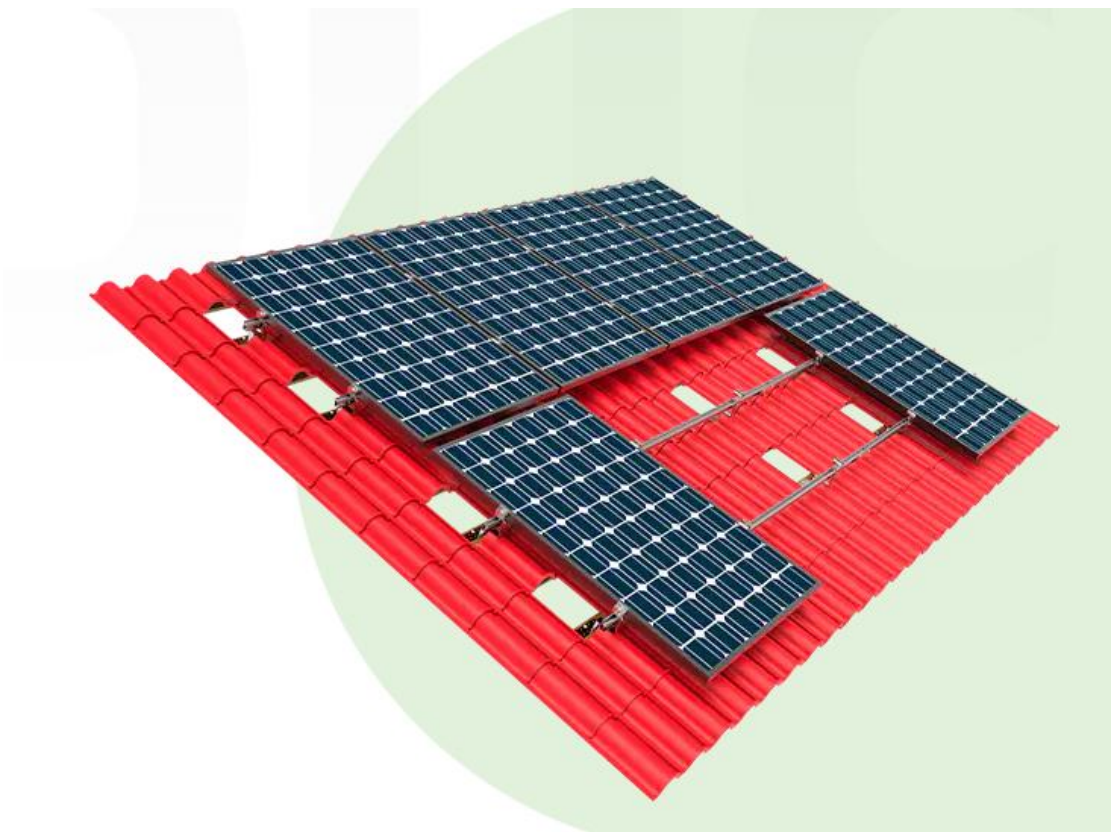


Technical Parameters

Advantages			Parameters				
Advantage 1	Advantage 2	Advantage 3	Installation Location	Main Material	Design Wind Pressure	Design Bending Pressure	Service Life
Wuxi Roof	Flexible Installation	Adaptable	Commercial Roofs, Historical Buildings, Flexible Roofing	Aluminum Alloy/Carbon Steel	0.55kN/m ²	0.5kN/m ²	25 years

Tile Roof PV mounting

Tile Roof PV mounting is a mounting system designed for traditional ceramic tile, cement tile or slate tile roofs. The main body of the bracket is usually made of lightweight aluminum alloy or galvanized steel, which is corrosion-resistant and load-bearing, and is suitable for different tile types and roof slopes. The tilt angle of the module is optimized through an adjustable base to ensure a stable installation without leakage risk. It is suitable for household and small industrial and commercial rooftop photovoltaic projects, taking into account efficient power generation and architectural aesthetics, and ensuring the long-term safety and durability of the roof.



Technical Parameters

Advantages			Parameters				
Advantage 1	Advantage 2	Advantage 3	Installation Location	Main Material	Design Wind Pressure	Design Bending Pressure	Service Life
Tile Compatibility	Aesthetic Preservation	Heat Dissipation	Traditional Dwellings, Cultural Tourism Projects, PV Tile Integration	Aluminum Alloy/Carbon Steel	0.55kN/m²	0.5kN/m²	25 years

Balcony PV Mounting

Balcony PV Mounting is a lightweight photovoltaic installation solution designed for residential or apartment balconies. The main body is made of high-strength aluminum alloy or rust-proof steel and is fixed to railings, exterior walls, etc. by bolts. Its modular design supports flexible matching of single or multiple modules, equipped with angle-adjustable brackets to optimize light utilization, and uses a hollow structure to reduce the impact of light blocking. The system integrates windproof locks and anti-fall designs to meet high-rise wind resistance and safety standards, is compatible with ultra-thin modules, and takes into account both power generation efficiency and architectural aesthetics. It is suitable for family self-use or small distributed photovoltaic scenarios.



Technical Parameters

Advantages			Parameters				
Advantage 1	Advantage 2	Advantage 3	Installation Location	Main Material	Design Wind Pressure	Design Bending Pressure	Service Life
Lightweight	Aesthetic Integration	Space Efficiency	Residential or Apartment Balconies	Aluminum Alloy/Carbon Steel	0.55kN/m²	0.5kN/m²	25 years



Contact Us

 +86-523-80509588

 Vincent@suneast-solar.com

 11th Floor, Wenchuang Building, 60 Fenghuang East Road, Hailing District, Taizhou City, JiangSu, China